



Guru Gobind Singh Indraprastha University
“A State University established by the Govt. Of NCT Delhi”
Sector 16-C, Dwarka, New Delhi – 110078



F. No.: GGSIPU/CCGPC/2024/ 1058

26th June 2024

Sub. Placement opportunity for B.Tech or MBA students of USAR, USICT and USMS, GGSIP University of the batch passing out in year 2024 or 2025 in the company “Nicola Tech”

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Placement opportunity for B.Tech or MBA students of USAR, USICT and USMS, GGSIP University of the batch passing out in year 2024 or 2025 in the company “Nicola Tech” for your reference and circulation to students to apply on given link by **28th June 2024, 11:00 AM:**

Registration Link – <https://forms.gle/8W2Bv7f5YpRWLoDJ9>

Name of Company – Nicola Tech

Details of Open positions:

S. No	Role	Eligible Degrees	Skills required	Year of passing	Package
1	SDE Intern (FrontEnd Developer)	B.Tech	<ul style="list-style-type: none">•ReactJS•HTML, CSS, Bootstrap•Javascript•AngularJS	2025	Stipend ₹10K - ₹15K / month
2	SDE Intern (Backend Developer)	B.Tech	<ul style="list-style-type: none">•Amazon Web Server (AWS)•Amazon Web Services (AWS)•Python•REST API•SQL	2025	Stipend ₹10K - ₹15K / month
3	SDE Full time	B.Tech CSE/IT, MCA	Refer JD	2024	Salary –INR 4.0 – 5.0 LPA + ESOP Options
4	Embedded System Engineer	B.Tech ECE	Refer JD	2024	CTC : 4-5 LPA with ESOP Options
5	Management Intern for Founder’s office	MBA/BBA	Refer JD	2024	Stipend - 10K – 20K PPO Offer Opportunity + ESOP Options 3.5 – 5 Lakh INR

Location: Work from Home/Office – Noida Sector 62, IIML Noida Campus. Preferred Work from Office.

Perks for Interns – Certificate, Letter of recommendation, Flexible work hours.

Tentative joining – Immediately after the selection.

Please find attached JDs for more information.

LAST DATE FOR REGISTRATION IS 28th June 2024, 11:00 AM.



(Dr. Nisha Singh)
Training and Placement Officer
CCGPC, GGS IP University

SDE Intern

About the Company

Nicola Tech is an IIM Lucknow Incubated and Funded Startup. Our Vision and Mission are to provide end-to-end solutions for EV batteries through a single platform. Our hardware and software combination can enhance the battery life by up to 10% in the overall life cycle during operations. It increases OEM productivity by 20%. It also takes the preventive measure of Fire Incidents inside the battery.

Role: **SDE**

About the work from home job/internship

1. You will be responsible for guiding the team in the development of our cloud-based battery software. This involves understanding market needs and trends, identifying opportunities for innovation, and working with the development to enhance the existing functionalities.
2. Design, develop, and maintain API services and JSON files
3. Contribute to the development process by using Python, including debugging and resolving problems in the coding part on AWS
4. Handle server issues and operating system problems
5. Integrate AWS with third-party platforms
6. Work on the creation of database tables and SQL

Requirements:

1. Able to handle server issues and operating system problems
2. Should be able to integrate AWS with third-party platforms
3. Experience in AWS services like EC2, RDS, S3, and AWS IOT core

Note:

1. Work from Home/Office – Noida Sector 62, IIML Noida Campus .

Skill(s) required

- Amazon Web Server (AWS)
- Amazon Web Services (AWS)
- Python
- REST API
- SQL

Who can apply?

1. Are available for full time (in-office) internship.
2. Can start the internship immediately
3. Minimum available for 6 months but can extend the internship.
4. Have relevant skills and interests.

Perks

Certificate , Letter of recommendation, Flexible work hours

Number of openings

1

Stipend

₹10K - ₹15K / month

SDE (FrontEnd Developer)

About the Company

Nicola Tech is an IIM Lucknow Incubated and Funded Startup. Our Vision and Mission are to provide end-to-end solutions for EV batteries through a single platform. Our hardware and software combination can enhance the battery life by up to 10% in the overall life cycle during operations. It increases OEM productivity by 20%. It also takes the preventive measure of Fire Incidents inside the battery.

Role: Frontend Developer

About the work-from-home job/internship

Selected intern's day-to-day responsibilities include:

1. Candidate should be having JavaScript with ReactJS skills.
2. Work on the server side and handle Apache and SSL
3. Work on frontend libraries or frameworks like React, Vue, Angular or Next and backend frameworks like Django, Flask, or Node.js

Requirements:

1. Must have valid project or experience based on SQL database
2. Must have presentable live hosted and fully functional web applications
3. Has previous experience in dynamic website creation
4. Must have previous knowledge of server-side working, like Apache and SSL handling
5. Valid project or experience on any frontend library or framework like React, Vue, Angular or Next
6. Valid project or experience on backend frameworks like Django, Flask, or Node.js
7. Has previous experience with cloud platforms, preferably AWS

Note:

1. Hybrid work culture as per the requirement.

Skill(s) required

- ReactJS
- HTML, CSS, Bootstrap
- Javascript
- AngularJS

Who can apply?

Only those candidates can apply who:

1. Are available for full time (in-office) internship.
2. Can start immediately.
3. Minimum available for duration of 6 months but can extend the internship.
4. Have relevant skills and interests.

Perks

Certificate , Letter of recommendation, Flexible work hours

Number of openings

1

Stipend

₹10K -₹15K / month

Job description

Company Description

An IIML Incubated Startup with a vision to revolutionize electric vehicle battery safety. Nicola is a technology company that specializes in cloud AI/ML-based Battery Enterprise software. Our smart IoT device integrates standard BMS and Indian EV Cars on our Platform, allowing us to configure the BMS parameters remotely and use machine learning models for vehicle telematics. We are committed to providing deep analysis of the component level and integrating all the basic functionality required for EV monitoring.

We are actively seeking a passionate and dynamic Backend Developer employee who passed out in 2023 or still in the final semester to join our innovative team. As a Junior Backend Developer, you will play a crucial role in developing, maintaining, and enhancing the server-side components of our web applications. If you have a strong foundation in Python and enthusiastic about learning new technologies such as PostgreSQL, NoSQL, AWS and Flask API, we invite you to apply for this position.

****Responsibilities:****

1. Collaborate with the development team to understand project requirements and actively contribute to the design and implementation of backend solutions.
2. Develop and maintain server-side logic using Python and the Django framework.
3. Implement and manage database solutions, including both relational (PostgreSQL) and NoSQL databases.
4. Learn and work with cloud services, particularly AWS, for deploying and scaling applications.
5. Contribute to the development of Flask APIs to enable seamless communication between the front-end and back-end systems.
6. Write clean, efficient, and maintainable code following best practices and coding standards.
7. Collaborate with team members during code reviews to improve coding skills and ensure code quality.
8. Troubleshoot and debug issues, actively participating in problem-solving activities.

****Requirements:****

1. Bachelor's degree in CSE/IT, MCA/BCA or equivalent education/experience. Pursuing B.tech in last semester or pass out in 2024
2. Proficiency in Python programming language.
3. Interest in and willingness to learn about databases, including PostgreSQL and NoSQL.
4. Eagerness to work with cloud services, particularly AWS.
5. Familiarity with Flask API development principles.

****Nice to Have:****

1. Knowledge of version control systems, such as Git.
2. Familiarity with agile development methodologies.
3. Experience with additional web technologies and frameworks.

If you are a recent graduate or a developer with limited experience but possess a strong foundation in Python and Django, along with a willingness to learn and apply new technologies, we encourage you to apply and be a valuable contributor to our exciting projects.

Salary – 4-5 LPA + ESOP Options

Job description

Company Description

An IIML Incubated Startup with a vision to revolutionize electric vehicle battery safety. Nicola is a technology company that specializes in cloud AI/ML-based Battery Enterprise software. Our smart IoT device integrates standard BMS and Indian EV Cars on our Platform, allowing us to configure the BMS parameters remotely and use machine learning models for vehicle telematics. We are committed to providing deep analysis of the component level and integrating all the basic functionality required for EV monitoring.

Role Description

This is a full-time remote role for an Embedded System Engineer. The Embedded System Engineer will be responsible for developing Embedded Software, performing Electrical Engineering tasks, working with Internet of Things (IoT) devices, designing Electronics, and collaborating with a Software Development team. The Embedded System Engineer will also be working on improving existing features and developing new features for our battery software daily.

Qualifications

- Strong background in Embedded Software development and Engineering
- Experience with Internet of Things (IoT) devices
- Extract protocols from the battery management system using CAN, RS485, and UART
- Understand LFP/NMC batteries and develop algorithms to aid in cloud analytics
- Perform wiring connections as per the circuit diagram
- Code ESP32 to understand the firmware of BMS
- Strong problem-solving and analytical skills
- Bachelor's or Master's degree in Electronics, Electrical, Instrumentation or a related field is required
- Experience in the automotive or energy industry, particularly with electric vehicles, is a plus
- Experience with Battery Management Systems (BMS) is also a plus

Experience Required: Fresher or Max 1+ years of experience.

CTC : 4-5 LPA with ESOP Options

Nicola Charging Pvt Ltd.

1/22, 2nd Floor , Workspace , Asif Ali Road , Ajmeri Gate , Central Delhi , 110002, India

Phone: +91-9953569523

About the internship

Selected intern's day-to-day responsibilities include:

1. **Administrative Support:** Assisting with day-to-day administrative tasks such as answering phones, scheduling appointments, managing emails, and organizing files.
2. **Calendar Management:** Coordinate and conduct the online webinars.
3. **Data Entry and Documentation:** Preparation of EV-related presentation and Catalogue. . Also, organizing and maintaining documents, reports, and other important files.
4. **Research Assistance:** Research various topics as requested by the founder, such as market trends, competitors, potential partners, or industry developments.
5. **Event Coordination:** Assisting with the planning and execution of company events, meetings, conferences, or team-building activities. Should be present offline related events across PAN India location.
6. **Communication Support:** Helping to draft and proofread emails, letters, memos, and other communications on behalf of the founder. Also, managing incoming and outgoing correspondence.
7. **Project Assistance:** Can become part of the design and development team as an electronics functional consultant.
8. **Customer Service:** Assisting customers or clients with inquiries, orders, or issues, either in person, over the phone, or via email.
9. **Special Projects:** Reading the research papers and analysing what all the parameters can be derived from given parameters so that EVs can be properly monitored.

Who can apply:

1. Strong analytical skills
2. Proficiency in reading and writing skills
3. Ability to read and comprehend EV and battery-related documents.
4. Able to address audience and crowd.

Perks

Internship Certificate, Letter of recommendation, PPO, Pan India and overseas tours.

Email ID – ymittal@nicolotech.com

Registered Office Address – 1/22, Workspace , Asif Ali Road , Ajmeri Gate , Central Delhi 110002



Stipend

10K – 20K

PPO Offer Opportunity + ESOP Options

3.5 – 5 Lakh INR.

